

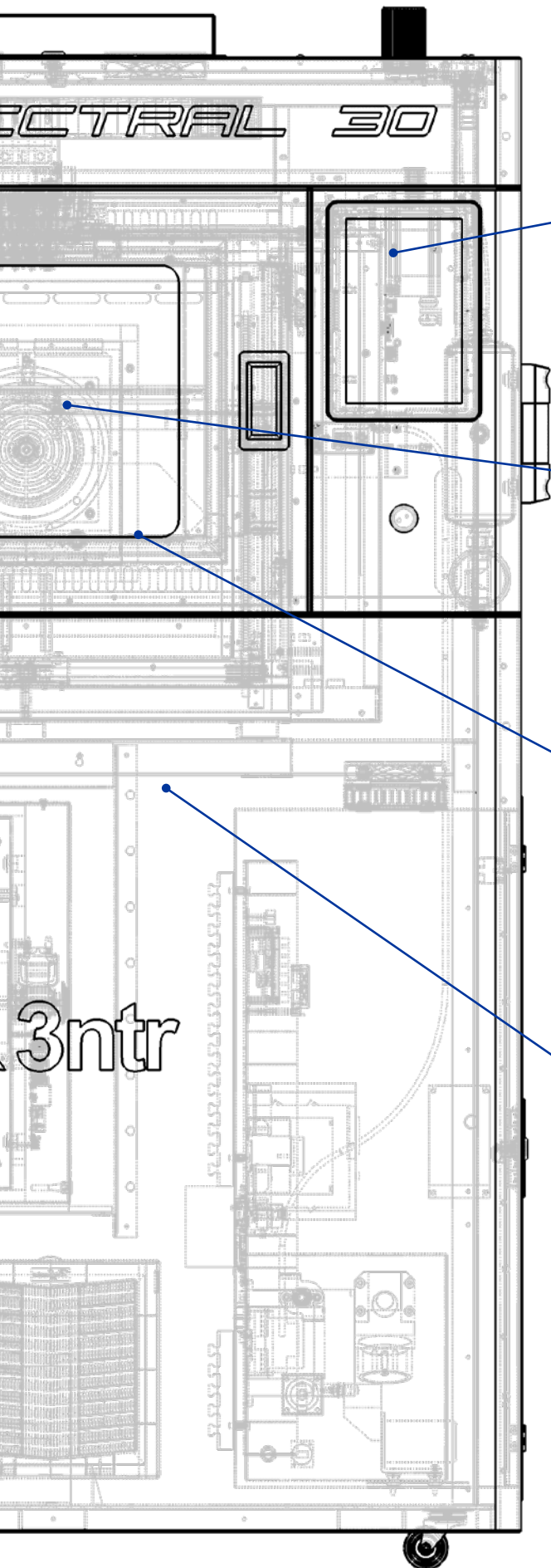
SPECTRAL 30

SPECTRAL 30

Level Up

Consolidated systems in continuous evolution

ntr



● **Careful management of materials**

High performance technopolymers require adequate treatment.

Thanks to the effectiveness of the dryers installed to manage drying of the filaments, you will have a product ready for contamination-free printing.

● **Maximum thermal performance**

Get high performance from engineering technopolymers thanks to the temperature.

With Spectral 30 you can reach high temperatures in short time. In addition, the heated plate, the hot chamber and high power liquid cooling will allow to best enhance the characteristics of individuals technopolymers.

● **Continuous monitoring**

Simplicity, first of all.

With Spectral 30 you will have the ability to monitor the printing process constantly and remotely. A built-in webcam, the constant reporting provided by our software, jam detection and end of reel, they will allow you to work in a simple and effective way even when you're miles away.









● **Innovation and compatibility**

Forced choices? No thanks.

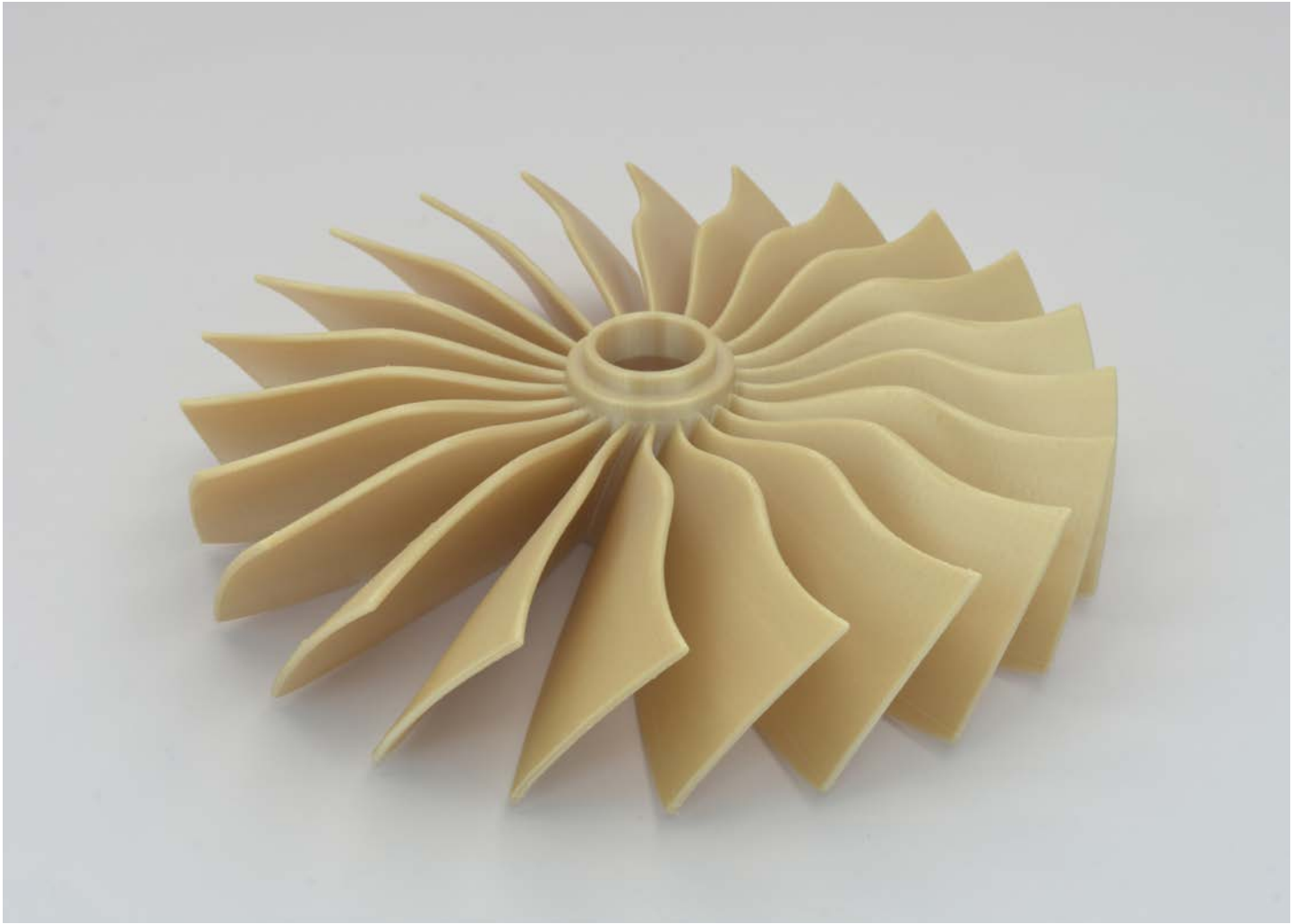
Handle most of the superpolymers found on the market freely, with no license required. PEEK / PEKK / PEI / PAEK / PPSU and many more, with their soluble supports, can be used for the your industrial innovation.

SPECTRAL 30

Data sheet

 Press	<ul style="list-style-type: none">• 4 nozzles with 1.75 mm filament• Nozzle / plate leveling fully automated
 Drying	4 Vento drying units (reels of 5 kg max)
 Features	<ul style="list-style-type: none">• Magnetic / vacuum tray holder• High power liquid cooling• 10" touchscreen• Jam detection• End of reel detection
 Usable polymers	Ultem AM9085FTM Ultem 1010F PEEK PEKK PAEK PPSU ABS ABS_esd ABS HD ABS FAST ASA Carbon+ Iglidur™ Nylon+ nPOWER Glass+ PCABS
 Temperatures	<ul style="list-style-type: none">• Nozzles: 4 x 500° C (no soft polymer capabilities yet)• Plate: 300° C• Chamber: 250° C• Dryers: 110° C
 Mechanical specifications	<ul style="list-style-type: none">• Printing light: 300 x 300 x 300 mm• Positioning accuracy (XYZ): 0,005 mm• AC brushless motors on XYZ axes
 Electrical Specifications	<ul style="list-style-type: none">• Power supply: 380 V (EU) o 240 V (US) three-phase current• Power consumption: 3,6 A (average), 20 A (line in)• Energy dissipation: TBA
 Dimensions and weight	1158(L) x 882(P) x 1788(H) mm Weight: 400 Kg





Pure engineering *Boost your production*

Ensure **high production and engineering standards** thanks to the wide selection of **high-performance** polymers and thermoplastics.

With Spectral 30 you cover a wide range of applications, ranging from the precise prototype to the tooling up to the finished product.

The alternative to CNC machining exists, it is called Spectral 30